



## CITY OF SUGAR LAND

Engineering Department

**CIP Project Number:** DR0705

**Title:** AMIL Gates Rehabilitation

**Project Phase:** Construction

### % of Phase Completion



**Cost for this Phase:** \$ 590,500

**Funding Sources:** Certificate of Obligation

**Project Manager:** Greg Nichols

**Contractor:** NBG Constructors, Inc.

**Consultant:** PATE

### Project Description:

Supplemental funding for the rehabilitation of AMIL Gates. These are flood control gates that were recently transferred from LID 2 to the City. The gates are located across the Brooks Lake Channel. The gates facilitate maintaining constant water levels in Oyster Creek and the lakes that tie-into Oyster Creek during normal conditions. During flooding conditions these gates facilitate flow diversion to Ditch H.

**Justification:** It was determined that these gates needed to be rehabilitated. \$240,000 was appropriated for the rehab work in FY-08. However, Pate Engineers performed an engineering evaluation and determined that additional funding is required to complete the task. The total estimated cost for the rehab work is \$525,000. Supplemental funding requested is to cover this shortfall.

**Updates: December 2008-Design is complete.** Project to bid for construction in February as scheduled through the budget process.

**January 2009:** Bid documents are prepared.

**February 2009:** Bid process put on hold as per management.

**March 2009:** No status change.

**April 2009:** No status change.

**May 2009:** No status change.

**June 2009:** Given the go ahead, project in legal advertisement.

**July 2009-** Project bid. NBG Constructors, Inc. was low bidder.

**August 2009-** Project awarded, construction to begin September 8.

**September 2009-** 1<sup>st</sup> Gate has been removed and is being prepared for painting. Concrete structure is being water blasted in preparation for painting.

**October 2009-** 1<sup>st</sup> Gate has been installed and concrete structure around it has been repainted. The 2<sup>nd</sup> gate has been removed and sent in.

**November 2009-** 2<sup>nd</sup> Gate has been installed and concrete structure around it has been repainted. Preparation for removal of the 3<sup>rd</sup> gate has begun.

**December 2009-** 3<sup>rd</sup> and final Gate has been removed and sent in for painting. Security fencing is being replaced. We meet with representatives from the LID and will be change ordering construction of an access road on the top of the levee to the site. Project is about 75% complete and on schedule.

**January 2010-** Final gate has been installed, access road and fencing completed. Stop log rehabilitation and area clean up and grass seeding is all that remain to be completed.

**February 2010**-Construction of project is complete. We are now looking at leakage rates to see if anything can be done to reduce leakage.

**March 2010**-We are now looking at leakage/discharge rates to see if gates need some ballast weight adjustment.

